

Minutes for the May 9, 2012, CERES Processing Oversight Board Meeting

Meeting began at 1:00 p.m. in Building 1268C Room 2316.

Meeting Notes

There were no comments or questions on the minutes from the last meeting.

Announcements

The next CERES Science Team meeting will be in October in Princeton, NJ.

Open Action Items

1. Discuss the ISCCP-D2like-FlxDay/Nit file names with Dave Doelling. (2/16/11 – Jonathan)
2. Provide answers to Raja's questions she emailed recently. (3/16/11 – Jonathan)

Science Team Meeting Action Items

1. Continue the partial automation effort (CATALYST)
2. Clouds Edition4 – redeliver and promote

FM5 Status

No missing RDRs recently. Still a few outstanding missing RDRs from May.

FM5 gains may be ready to deliver in September.

Ball Aerospace is interested in the fluctuation in spacecraft diary time that we observed.

SCCR Discussion (SCCRs that have been submitted or updated since the last meeting)

Perl_Lib 892 – Adding the functionality to run the sanity check before and after a job runs. Will replace status monitoring jobs that were proposed for CATALYST.

ERBE-like 893 – ES8 sample read package.

ERBE-like 894 – ES4 sample read package.

ERBE-like 895 – ES9 sample read package.

TISA Gridding 896 – Delta delivery of scripts to run exceptional months where less than the required minimum amount of input data is available.

TISA Gridding 897 – CERESlib updates.

There were no issues identified, so these SCCRs will be approved.

Toolkit/GCC Compiler Testing

Rebuilding Toolkit 18 with GCC version 4.5.3 and IBM XL Fortran version 13.

No negative feedback on Toolkit 18 so far.

Documenting testing strategy for new version of Toolkit, compilers, and operating system. Tom testing from Fortran perspective; Instrument from C++.

Production output destination for “archive, web” files

Still need to define what “archive, web” means.

Ed thinks there might be some files on *warlock* in the ENG directory that we need to preserve.

Still moving Instrument QA files.

Systems

Four topics for tomorrow’s IT meeting:

1. The next maintenance period might need to be moved from August to July.
2. SUSE 11 upgrade on *AMI* will be done during the maintenance. Need to test this version of the OS before the maintenance.
3. The XSANs and SPG10 will be retired in the near future.
4. Update on Web architecture.

Sunny reported potential GPFS quota issue to Chris.

Status of Open SCCRs

892 – Will be released with Clouds.

809 – Sunny running on *AMI-P* and getting same results as Tammy. Trying to determine what’s causing the differences between *AMI* and *AMI-P*. Problem is repeatable so not a memory issue. Jonathan will reschedule the Clouds delivery status meeting to Monday.

814 – Seeing differences between Victor’s results and Wenying’s. Taking time to understand differences. New delivery date – 5/25.

867 – 2.1P1 AJSS tested successfully. Jeremie running robust test cases. One segmentation fault corrected, but another popped up. Subsystem 2 close to being ready to deliver; Subsystem 3 still not ready. Jeremie asked if the delivery should be broken into two deliveries, but Jonathan said no. New delivery date – 6/1.

888 – New delivery date – 6/29.

877 – 40% complete. Delivery date might change based on maintenance schedule.

878 – Need FM5 updates, otherwise done.

Additions to the Posted Reports

Toolkit

No updates to status report.

CERESlib

Installed updates from Raja into test version of CERESlib. Will submit an SCCR before the next meeting.

Perl Lib

No updates to status report.

CERES Processing System

No updates to status report.

Instrument

Updating HDF interface in 1.4P3 to simplify it and remove redundant code. Will also apply changes to 1.1P8, but may not have time to include it in SCCR 878.

ERBE-like

No updates to status report.

Clouds

VIIRS subsetter – Yan is investigating failures that have happened with “real” data. Hoping to modify code to eliminate failures.

Convolution

No updates to status report.

Inversion

No updates to status report.

SARB

No updates to status report.

TISA Gridding & GGEO

No updates to status report.

TISA Averaging

No updates to status report.

Production Processing Database/Automation

Lindsay setting up Transition Plan meeting.

Need to publish the schema of the PR and Logging databases.

CERES Websites

Need status update from Ben on making the “new” CM page public.

ERBE Digital Library will be migrated to a NASA internal website.

CERES Ordering Tool

Working with Walt Baskin on an issue.

FM5

No updates to status report.

Meeting ended at 2:16 p. m.